

JUN 24 2005

PATENT & TRADEMARK OFFICE

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/521,889

Filing Date May 25, 2005

First Named Inventor William ROBBINS

Art Unit 2133

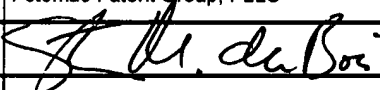
Examiner Name Unassigned

Attorney Docket Number 0903-003

RECEIVED**JUN 29 2005****Technology Center 2100****ENCLOSURES (Check all that apply)**

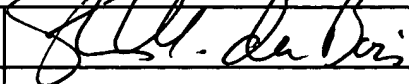
- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Stamped Return Receipt Postcard |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks | |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Potomac Patent Group, PLLC		
Signature			
Printed name	Steven M. duBois		
Date	June 23, 2005	Reg. No.	35,023

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Steven M. duBois	Date	June 23, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Patent
Attorney's Docket No. 0903-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
William ROBBINS et al.) Group Art Unit: 2133
Application No.: 10/521,889) Examiner: Unassigned
Filed: May 25, 2005)
For: PROCESSOR ARRAY)

RECEIVED
JUN 29 2005
Technology Center 2100

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith PTO/SB/08A and PTO/SB/08B - Information Disclosure Statement together with any required copies of patents, publications or other information of which Applicants are aware, which Applicants believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Copies of the foreign search reports, in which these documents were cited is also attached. It is noted that US 2002/0174318 A1, is an equivalent of GB 2348976 A, which was cited in the Great Britain Search Report dated April 1, 2005.

This Information Disclosure Statement is submitted before the mailing date of a first Office Action on the merits and therefore no fee is required.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,
POTOMAC PATENT GROUP PLLC

By: 

Steven M. duBois
Registration No. 35,023

Date: June 23, 2005

Potomac Patent Group, PLLC
P.O. Box 270
Fredericksburg, VA 22404
(540) 361-1863



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/521,889
Filing Date	May 25, 2005
First Named Inventor	William ROBBINS
Art Unit	2133
Examiner Name	Unassigned
Attorney Docket Number	0903-003

RECEIVED**JUN 29 2005****Technology Center 2100**

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Popli, S. P., et al., "A Reconfigurable VLSI Array for Reliability and Yield Enhancement," Proceedings of the International Conference on Systolic Arrays, 1988, pp. 631-642.	
	2	John, L. K., et al., "A Dynamically Reconfigurable Interconnect for Array Processors," IEEE Transactions on Very Large Scale Integration (VLSI) Systems, Vol. 6, No. 1, March 1998, pp. 150-157.	
	3	Shigei, N., et al., "On Efficient Spare Arrangements and an Algorithm with Relocating Spares for Reconfiguring Processor Arrays," IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Vol. E80-A, No. 6, June 1997, pp. 988-995.	
	4	Schmidt, U., et al., "Datawave: A Single-Chip Multiprocessor for Video Applications," IEEE Micro, Vol. 11, No. 3, June 1991, pp. 22-25, 88-94.	
	5	Chean, M., et al., "A Taxonomy of Reconfiguration Techniques for Fault-Tolerant Processor Arrays," Computer, IEEE Computer Society, Vol. 23, No. 1, January 1990, pp. 55-69.	
	6	Kamiura, N., et al., "A Repairable and Diagnosable Cellular Array on Multiple-Valued Logic," Proceedings of the 23rd International Symposium on Multiple-Valued Logic, 1993, pp. 92-97.	
	7	LaForge, L., "Extremally Fault Tolerant Arrays," Proceedings: International Conference on Wafer Scale Integration, 1989, pp. 365-378.	

Examiner Signature	Date Considered
--------------------	-----------------

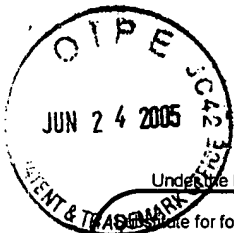
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/521,889

Filing Date May 25, 2005

First Named Inventor William ROBBINS

Art Unit 2133

Examiner Name Unassigned

Attorney Docket Number 0903-003

RECEIVED**JUN 29 2005****Technology Center 2100**

Sheet 3 of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	8	International Search Report of PCT/GB03/02772, dated November 30, 2004.	
	9	Great Britain Search Report of Application No. GB 0216880.5, dated January 28, 2003.	
	10	Great Britain Search Report of Application No. GB 0216880.5, dated October 9, 2003.	
	11	Great Britain Search Report of Application No. GB 0216880.5, dated April 1, 2005.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.